

United States Patent [19]

Suzuki

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541	DISK MEDIUM AND METHOD OF WRITING	5,210,660	5/1993	Hetzler 360/51
•	DATA ONTO THE DISK MEDIUM	5,255,261	10/1993	Iida et al 369/275.3
		5,388,090	2/1995	Hoshino et al 369/275.3
75]	Inventor: Katsuji Suzuki, Fukushima-ken, Japan	5.446,724	8/1995	Tabe et al

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[57]

ABSTRACT

A invention relates to a disk medium and a method of writing data onto the disk medium. The disk medium is formatted in such a manner that: there are provided a plurality of track zones formed into segments of concentric circles separated from each other in radial directions of the disk; a plurality of servo areas are formed along lines which are located at intervals of substantially equal angle and which extend from the center of the disk toward the outer periphery across the track zones; the plurality of track zones each include a plurality of sector areas each provided with a data area; and the length (in bytes) of the data area in each sector area is varied depending on the track zone's location on the disk medium so that no servo area is located within any of data areas.

5 Claims, 4 Drawing Sheets

	TIC 42S			1	2ND SECTOR AREA		43s 3RD S		7 _{3C}	*	4 4S	
{	ID	DATA	A	SERV	o	ID	DATA	SERVO	ID	DATA	SERVO	
	I D Sync	I D AM	CYL	HEAD	SEC	CTOR		DATA		ECC		

[54 [7 [73] Assignee: Alps Electric Co., Ltd., Tokyo, Japan [21] Appl. No.: 924,967 Sep. 8, 1997 [22] Filed: Related U.S. Application Data

[63] Continuation of Ser. No. 574,529, Dec. 19, 1995, aban-

	GOLOG.			
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[51]	Int. Cl.6			G11B 7/24
[52]	U.S. Cl.	**********		
[58]	Field of			
				13, 32, 47, 48, 58, 59, 54, 49
		44.34	, 44.25	, 44.26, 109, 111; 360/51, 48
				77.08

[56]

References Cited

U.S. PATENT DOCUMENTS

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